

Abstract of the Disclosure

A process for the continuous production of a mixture of substances or of a reaction mixture that has been formed by reaction of components contained therein. The component streams withdrawn from a storage container (1, 2 or 3) or a distribution network (12) are each 5 conveyed via a controlled system (22, 23, 24, 25) which in each instance comprises a flow-measuring device (8, 9, 10, 11) and a regulating element (34, 35, 36, 37). The flow-rates of the individual components are regulated in quantitatively proportional manner with reference to the flow-rate of a first component. The resulting regulated flow-rates are introduced into a receiving container, either directly or after individual flow-rates have been completely or 10 partially conducted together. The process and the device are especially suitable for the on-site production of mixtures of substances that cannot be transported or that can only be transported in elaborate manner, such as relatively highly concentrated solutions of peroxy carboxylic acid.

PROVISIONAL

15

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